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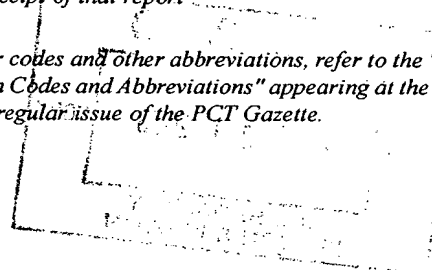
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(54) Title: HUMAN ANTIBODIES SPECIFIC TO KDR AND USES THEREOF

(57) Abstract: The invention provides an antibodies that bind to *KDR* with an affinity comparable to or higher than human VEGF, and that neutralizes activation of *KDR*. Antibodies include whole immunoglobulins, monovalent Fabs and single chain antibodies, multivalent single chain antibodies, diabodies, triabodies, and single domain antibodies. The invention further provides nucleic acids and host cells that encode and express these antibodies. The invention further provides a method of neutralizing the activation of *KDR*, a method of inhibiting angiogenesis in a mammal and a method of inhibiting tumor growth in a mammal.



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